

Patent claims

1. A drive device with a rotatable input shaft (1) and a rotatable output shaft (2), which are connected to one another by means of a magnetic coupling (5) having at least two magnet pairs, wherein a first blocking device (10) limits the ability of the output shaft (2) to rotate in a first direction of rotation (11), and, after the first blocking device (10) has become effective, owing to magnetic forces emanating from the magnetic coupling (5) a movement of the output shaft (2) takes place in a second direction of rotation (13) opposite to the first.
2. The drive device as claimed in claim 1, characterized in that the input shaft (1) is moved and continues to be moved when the output shaft (2) is blocked.
3. The drive device as claimed in claim 1 or 2, characterized in that the transition to the second direction of rotation (13) of the output shaft (2) takes place suddenly.
4. The drive device as claimed in one of claims 1 to 3, characterized in that a second blocking device (12) causes a reversal of the movement of the output shaft (2) from the second to the first direction of rotation (11).
5. A method for operating a magnetic coupling (5), which couples an input shaft (1) and an output shaft (2) to one another, characterized in that
 - the input shaft (1) is moved,
 - the output shaft (2) is blocked in a first direction of rotation (11),
 - the input shaft (1) is moved further, and
 - the output shaft (2) is moved suddenly in a second direction of rotation (13), which is opposite to the first direction of rotation (11).

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2 6. The use of a drive device according to the
3 characteristics of claims 1 to 4, characterized in that
4 the movement of the output shaft (2) serves to drive a
5 movable contact piece of an electrical switching device
6 (9).